

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S1 | 251 | ("6047083" OR "6148099" OR "6477265" OR "4600597" OR "6541283" OR "2001036306" OR "4527070" OR "5544256") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/09/03 09:56 |
| S2 | 1 | ("20060240580").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/03 09:56 |
| S3 | 5 | US-6047083-\$.DID. OR US-6148099-\$.DID. OR US-6477265-\$.DID. OR US-4600597-\$.DID. OR US-6541283-\$.DID. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S4 | 1 | "20010036306" | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S5 | 2 | US-4527070-\$.DID. OR US-5544256-\$.DID. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S6 | 171 | (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| S7 | 2 | (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| | | \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (michelsson or detlef).in. | | | | |
| S8 | 0 | (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| S9 | 46 | (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (LEICA or MICROSYSTEMS or | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| | | SEMI CONDUCTOR or GMBH).as. | | | | |
| S10 | 110 | (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (color\$5 or pigment \$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength) and (382/141-149.ccls. or | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| | | 438/14-18.ccls.) | | | | |
| S11 | 2661 | determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) | JPO | ADJ | ON | 2008/09/03 09:56 |

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| S12 | 214 | <p>determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)</p> | JPO | ADJ | ON | 2008/09/03 09:56 |
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| S13 | 18 | <p>determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)</p> | EPO | ADJ | ON | 2008/09/03 09:56 |
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| S14 | 217 | <p>determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength)</p> | DERWENT | ADJ | ON | 2008/09/03 09:56 |
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| S15 | 148 | determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat \$3 or inspect\$4) same ((wafer or substrate) same (defect\$3 or deficien \$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt \$3 or adjust\$3 or alter\$3 or alterna\$3 or commut \$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak \$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni \$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure \$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull \$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))) same (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength) | IBM_TDB | ADJ | ON | 2008/09/03 09:56 |
| S16 | 1 | "6047083".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| S17 | 1 | "6148099".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S18 | 1 | "6477265".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S19 | 1 | "4600597".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S20 | 171 | ((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and (382/141-149.ccls. or 438/14-18.ccls.) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| S21 | 167 | <p>((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and ((defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2)</p> | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
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| | | <p>same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or replac\$3 or shift\$3 or substitut\$3 or transfigure\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slide) and (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) and (wafer or substrate)) and (382/141-149.ccls. or 438/14-18.ccls.)</p> | | | | |
| S22 | 108 | <p>((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or</p> | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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| | | check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) and (wafer or substrate)) and (color\$5 or pigment\$5 or histogram or intensity or profile or chroma or chromism or chromat\$5 or wavelength) and (382/141-149.ccls. or 438/14-18.ccls.) | | | | |
| S23 | 110 | ((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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 tuned or tuning or sliding
 or slide) and (determin\$3
 or detect\$3 or establish\$4
 or resolv\$3 or find\$3 or
 figur\$3 or discover\$3 or
 check\$3 or verif\$7 or elect
 \$3 or measur\$3 or attest
 \$3 or test\$3 or validat\$3
 or confirm\$3 or indicat\$3
 or ascertain\$3 or
 authenticat\$3 or inspect
 \$4) and (wafer or
 substrate)) and (color\$5
 or pigment\$5 or
 histogram or intensity or
 profile or chroma or
 chromism or chromat\$5
 or wavelength) and
 (382/141-149.ccls. or
 438/14-18.ccls.)

| | | | | | | |
|-----|-----|--|--------------------|-----|----|---------------------|
| S24 | 171 | <p>((determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) same (wafer or substrate) same (defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2) same (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or reorganiz\$3 or replac\$3 or revolutioni\$4 or shap\$3 or shift\$3 or substitut\$3 or transfigure\$3 or transform\$3 or transpos\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slidable or slide or ((pull\$3 or draw\$3 or push\$3 or roll\$3 or reel\$3) adj3 (in or back or out))))).clm. and ((defect\$3 or deficien\$2 or deform\$3 or discoloration or fault\$2 or drawback or inadequa\$4 or bad or imperfect or disfigur\$3 or impaired or corrupt\$3 or cruddy or erring or erroneous or mistak\$2 or unsuitable or incorrect\$2 or damag\$2)</p> | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
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|-----|----|---|-----------------|-----|----|------------------|
| | | and (chang\$3 or accommodat\$3 or adapt\$3 or adjust\$3 or alter\$3 or alterna\$3 or commut\$3 or diminish\$3 or diversif\$4 or evolv\$3 or fluctuat\$3 or ((make or making) adj (innovations or over)) or merg\$3 or moderat\$3 or modif\$4 or recondition\$3 or redo\$3 or reduc\$3 or reform\$3 or regenerat\$3 or remak\$3 or remodel\$4 or renovat\$3 or replac\$3 or shift\$3 or substitut\$3 or transfigure\$3 or vary\$3 or varies or tunable or tuned or tuning or sliding or slide) and (determin\$3 or detect\$3 or establish\$4 or resolv\$3 or find\$3 or figur\$3 or discover\$3 or check\$3 or verif\$7 or elect\$3 or measur\$3 or attest\$3 or test\$3 or validat\$3 or confirm\$3 or indicat\$3 or ascertain\$3 or authenticat\$3 or inspect\$4) and (wafer or substrate)) and (382/141-149.ccls. or 438/14-18.ccls.) | | | | |
| S25 | 34 | S24 and (radius or radial\$2 or polar) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S26 | 40 | S24 and (radius or radial\$2 or polar or distance near2 center) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S27 | 4 | "7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S28 | 6 | "7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn. or "6587582".pn. or "6298149".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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|-----|-------|--|------------------------|-----|----|------------------|
| S29 | 9 | ("20010005566" "20010053964" "20030084420" "20030140330" "5807649" "6168891" "6249597" "6335981" "6656646").PN. OR ("7047516").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/03 09:56 |
| S30 | 1 | ("7047516".pn. or "6960775".pn. or "5835622".pn. or "4922543".pn. or "6587582".pn. or "6298149".pn.) and slope | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S31 | 12 | S24 and (radius or radial \$2 or polar or distance near2 center) and slope | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S32 | 0 | "7047516".pn. and (wafer or substrate) and measur \$3 | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S33 | 1 | "7047516".pn. and (wafer or substrate) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S34 | 1 | "7047516".pn. and (wafer or substrate or mask\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S35 | 1 | "5887077".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S36 | 13 | ("4812904" "5073952" "5225890" "5317648" "5335293" "5377277" "5392359" "5396080"). PN. OR ("5887077"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/03 09:56 |
| S37 | 2 | "20030170551" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/03 09:56 |
| S38 | 19066 | (normaliz\$5 or wight\$4 or correct\$4) with (radial\$4 or radius or polar) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S39 | 4129 | 382/141-152.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S40 | 59 | S38 and S39 | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S41 | 25 | S40 and (wafer or substrate) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S42 | 569 | (normaliz\$5 or wight\$4 or correct\$4 or compensat \$3) with (radial\$4 or radius or polar) with (intensity or sensitivity) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |

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|-----|-----|---|--------------------|-----|-----|---------------------|
| S43 | 172 | S42 and (wafer or substrate or mask or photomask or photo mask) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S44 | 3 | S43 and (438/14-18.ccls. or 382/141-152.ccls.) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S45 | 14 | "382".clas. and ((set\$4 or adjust\$3) near3 level near8 slider) | US-PGPUB; USPAT | ADJ | ON | 2008/09/03 09:56 |
| S46 | 1 | ("20070142735").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/03 12:30 |

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